

FORM PTO-1449 (REV. 2-82)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No. 1103326-0072	Serial No. <u>09/419,456</u>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicants: Lindberg et al..	
		Filing Date: 15 October 1999	Group:

## FOREIGN PATENT DOCUMENTS

*Examiner Initial	Document No.							Date	Country	Class	Sub-Class	Translation	
												Yes	No
J.T. ↓	4	0	3	5	4	5	5	11/90	DE	_____			
	0	0	0	5	1	2	9	4/81	EP	_____			
	0	1	2	4	4	9	5	1/87	EP	_____			
	9	5	0	1	9	7	7	19.01.95	WO	_____			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

J.T. ↓	①	Cairns, et al. "Enantioselective HPLC determination..." Journal of Chromatography 8, 666 (1995) 323-328.
	②	Yamada et al. "Synthesis and isomerization of optical active..." Chem. Pharm. Bull. 42(8) (1994) 1679-1681.
	③	K. Miwa et al. "Jpn. Pharmacol. Ther. "Proton pump inhibitor in rats, mice and dogs" 18 (1990) 165-187 (transl.).
	④	H. Katsuki et al. "Determination of R(+)- and S(-)-Lansoprazole" Pharmaceutical Research 13(4) (1996) 611-615.
	⑤	M. Tanaka et al. "Direct determination of pantoprazole enantiomers..." Anal. Chem. 68 (1996) 1513-1516.

Examiner:

Jane T. Fan

Date Considered:

1/27/00

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## UNITED STATES PATENT DOCUMENTS

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<i>g.j.</i>	4	7	3	8	9	7	4	19.04.88	Brandström	514	338	21.04.86
<i>g.j.</i>	5	7	1	4	5	0	4	3.02.98	Lindberg et al.	514	338	23.01.95
<i>g.j.</i>	5	8	7	7	1	9	2	2.03.99	Lindberg et al.	514	338	11.04.97

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## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

<i>g.j.</i>	<i>⑥</i>	P. Lindberg et al. "Omeprazole: The first proton pump inhibitor" Medicinal Res. Rev. 10 (1990) 2-50.
	<i>⑦</i>	P. Lindberg et al. "The mechanism of action of...omeprazole" Journal of Medicinal Chemistry 29 (1986) 1327
	<i>⑧</i>	A. Brandsrom "Chemical reactions..." Reprint from Acta Chemica Scandinavica 43 (1989) 536-611.
	<i>⑨</i>	K. Sigrist-Nelson et al. "Ro 18-5364, a potent inhibitor of the gastric (H <sup>+</sup> + K <sup>+</sup> )-ATPase" Eur. J. Bioch. 166 (1987) 453.
<i>g.j.</i>	<i>⑩</i>	CA 117:90292, Palomo et al.

Examiner: *Jane T. Fan*Date Considered: *1/27/00*

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INFORMATION DISCLOSURE STATEMENT  
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## UNITED STATES PATENT DOCUMENTS

*Examiner Initial	Document No.							Date	Name	Class	Sub-Class	Filing Date, if Appropriate
Q.J.	5	8	8	8	5	3	5	30.03.99	Gray	424	449	

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*Examiner Initial	Document No.							Date	Country	Class	Sub-Class	Translation Yes No	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

Q.J.		Sverker von Unge et al., "Stereochemical assignment of the enantiomers of omeprazole from X-ray fenchyloxymethyl derivative of (+)-(R)-omeprazole, <u>Tetrahedron: Asymmetry</u> , Vol. 8, No. 12, pp. 1997.

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